

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A digital camera comprising:

a zoom lens having wide-angle side and a telephoto side, the zoom lens including a main lens element in which there is high optical distortion on-a the telephoto side that needs correcting as compared with the optical distortion on-a the wide-angle side that does not need correcting;

an imaging device for photoelectrically converting subject light passing through said zoom lens, to generate image data; and

a signal processing circuit for subjecting said image data to a distortion correction process, said signal processing circuit correcting said optical distortion only when the zoom lens is set on said telephoto side and not subjecting said image data to a distortion correction when the zoom lens is set on the wide-angle side.

2. (Original) A digital camera as recited in claim 1, wherein said signal processing circuit adopts a large distortion correction parameter as the magnifying power of said zoom lens becomes high.

3. (Original) A digital camera as recited in claim 1, wherein said signal processing circuit skips said distortion correction process when magnifying power of said zoom lens is lower than a predetermined value.

4. (Currently Amended) A digital camera comprising:

a zoom lens having wide-angle side and a telephoto side, the zoom lens including a main lens element in which there is high optical distortion on-a the wide-angle side that needs correcting as compared with the optical distortion on-a the telephoto side that does not need correcting;

an imaging device for photoelectrically converting subject light passing through said zoom lens, to generate image data; and

a signal processing circuit for subjecting said image data to a distortion correction process, said signal processing circuit correcting said optical distortion only when the zoom lens is set on said wide-angle side and not subjecting said image data to a distortion correction when the zoom lens is set on the telephoto side.

5. (Original) A digital camera as recited in claim 4, wherein said signal processing circuit adopts a larger distortion correction parameter as the magnifying power of said zoom lens becomes low.

6. (Original) A digital camera as recited in claim 4, wherein said signal processing circuit skips said distortion correction process when magnifying power of said zoom lens is higher than a predetermined value.